JC05 Rec'd PCT/PTO 19 SEP 2005

Attorney Docket No. 2003P00534WOUS

10/550218

UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Ilias Manettas et al

Application Number:

Unassigned

Filing Date:

Concurrently Herewith

Group Art Unit:

Examiner:

Title:

METHOD FOR POWER REGULATION OF A DEFROSTER

HEATER AND REFRIGERATION DEVICE WITH

INTEGRATED DEFROSTER HEATING

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. 1.98, I am submitting a completed "INFORMATION DISCLOSURE STATEMENT BY APPLICANTS" (Form PTO/SB/08A) with patents and/or publications as delineated therein attached.

EP 1 178 271 discloses that an electronic regulating device has a temperature set point transmitting device (12) and a temperature sensor (10) for detecting and recording internal temperature. A regulator (11) relies on deviation to pre-determine the pulse ratio of a permanently pulsed service voltage for cooling equipment (14,15).

DE 197 24 292 discloses the process controls laboratory thermostatic bath systems. Supply of power to the heater is controlled using a pulse width modulation (PWM) technique to switch the alternating current. A semiconductor switch controls current delivered to the heater in successive pulse periods. There are n basic power settings. Each is a fraction, 1/n, of the heater (i.e. element) nominal power. These settings are adjustable by additional control of the semiconductor. Basic power adjustment is effected over successive periods, each amounting to a fraction of the pulse period and comprising at least n half waves.

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If no translation of pertinent portions of any foreign language patents or publications mentioned within the "INFORMATION DISCLOSURE STATEMENT BY APPLICANTS" is included with the aforementioned copies of those applications, patents and/or publications, it is because no existing translation is readily available to the Applicants. As per the Notice in 1273 OG 55 (August 5, 2003) no copies of any above-mentioned US patents and US patent application publications are submitted for this application which was filed after June 30, 2003.

Respectfully submitted

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September 19, 2005

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Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO		Complete if Known				
		Application Number	Unassigned 7 20218			
INFORM	ATION DISCLOSURE	Filing Date	Herewith			
-		First Named Inventor	Ilias Manettas et al			
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of 1

Sheet

				<u> DOCUMENTS</u>	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
-		^{US-} 5,703,342	12/30/1997	Erwin Hoffmann et al	
		^{US-} 2003/0019866	01/30/2003	James Kennard et al	
_		us- 5,519,301	05/21/1996	Makoto Yoshida et al	
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		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Cotumns, Lines, Where Relevant Passages	
		Country Code ³ "Number ⁴ "Kind Code ⁵ (<i>if known</i>)	MM-DD-YYYY		Or Relevant Figures Appear	Τ°
		EP 1 180 652	02/20/2002	Mike Hirsch		V
		WO 01/04556	01/18/2001	Emre Arisoy et al		~
		EP 1 178 271	02/06/2002	Klaus Anders et al		
		DE 197 24 292	12/10/1998	Lauda Dr. R. Wobser		
		International Search Report for PCT/8	EP2004/003608			1

Examiner	Date	
Signature	Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.